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Eminent Young Engineers Selected to Participate in NAE's 2003 U.S. Frontiers of Engineering Symposium

WASHINGTON -- Eighty-three of the nation's top young engineers have been selected to participate in the National Academy of Engineering's (NAE) ninth annual Frontiers of Engineering symposium. The three-day event will bring together engineers age 30 to 45 who are performing leading-edge engineering research and technical work. The participants -- from industry, academia, and government -- were nominated by fellow engineers or organizations and chosen from a field of nearly 170 applicants.

"This century's great achievements will involve the marriage of seemingly unrelated disciplines, like bioengineering and computer science," said National Academy of Engineering President Wm. A. Wulf. "It is gatherings like Frontiers of Engineering, which forge relationships among the brightest young engineers in a diverse range of fields, where future innovations will be initiated."

The symposium will be held Sept. 18-20 at the National Academies' Arnold and Mabel Beckman Center in Irvine, Calif., and will explore topics in environmental engineering, nanotechnology, counterterrorism technologies and infrastructure protection, and biomolecular computing. William F. Balhaus Jr., president and CEO of the Aerospace Corp., will be a featured speaker.

The following engineers were selected as general participants:

Ali Adibi, Georgia Institute of Technology
Terry L. Alford, Arizona State University
Luis A. Nunes Amaral, Northwestern University
Mauro J. Atalla, United Technologies Research Center
Ricardo S. Avila, General Electric Global Research
Lisa Axe, New Jersey Institute of Technology
Ronald Azuma, HRL Laboratories
Jeffrey Baclaski, Amgen Inc.
Lee A. Barford, Agilent Laboratories
Roger Barga, Microsoft Corp.
Rashid Bashir, Purdue University
William D. Batchelor, Iowa State University
Margaret Blohm, General Electric Global Research
Craig A. Blue, Oak Ridge National Laboratory
Diann Brei, University of Michigan
Cindy Bruckner-Lea, Pacific Northwest National Laboratory

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Daniel A. Green, DuPont Central Research and Development
Aparna Gupta, Rensselaer Polytechnic Institute
Eric Hamby, Xerox Corp.
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Martin Krucinski, Xerox Corp.
Jeffrey W. Kysar, Columbia University
Richard Lai, Northrop Grumman Space Technology
Kelvin H. Lee, Cornell University
Rainer Lienhart, Intel Corp.
Mary Kae Lockwood, NASA Langley Research Center
Darren Lytle, U.S. Environmental Protection Agency
Scott Manalis, Massachusetts Institute of Technology
Michael J. Maloney, Pratt & Whitney
Hari Manoharan, Stanford University
Costas D. Maranas, Pennsylvania State University
Hiroshi Matsui, City University of New York, Hunter College
Steven McKnight, U.S. Army Research Laboratory
Charles Meneveau, Johns Hopkins University
Veena Misra, North Carolina State University
Urbashi Mitra, University of Southern California
Arianna T. Morales, General Motors Research and Development Center
Miodrag Oljaca, MicroCoating Technologies
Teresa Olson, Lockheed Martin Corp.
Gautham Parthasarathy, Solutia Inc.
Assimina Pelegri, Rutgers University
Santosh Ranganath, Delphi Corp.
Yuan Qiao Rao, Eastman Kodak Co.
Jonathan Raub, Cummins Inc.
Vilupanur Ravi, California State Polytechnic University
Jennifer Rumsey, Cummins Inc.
Neeraj Saxena, BOC Group
David V. Schaffer, University of California, Berkeley
Andreas Schell, DaimlerChrysler Corp.
Steven Shaw, Montana State University
Po-Jen Shih, Eastman Kodak Co.
Steven Slayzak, National Renewable Energy Laboratory

Chih-Jen Sung, Case Western Reserve University
Chi Tang, PPG Industries Inc.
Joseph Tringe, Air Force Research Laboratory
Leendert van Doorn, IBM T.J. Watson Research Center
Mark W. Verbrugge, General Motors Research and Development Center
Peter J. Vikesland, Virginia Polytechnic Institute and State University
Christoph Wasshuber, Texas Instruments Inc.
Andrew B. Williams, University of Iowa
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Yin Zhang, AT&T Labs -- Research
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To read more about Frontiers of Engineering, visit the NAE Web site at <http://www.nae.edu/frontiers>. The 2003 U.S. Frontiers meeting program and a [full list of participants](#), including speakers and organizers, are also available at the site.